

To: Scott Smith[ssmith@waterdefense.org]
From: Scott Smith
Sent: Fri 4/15/2016 11:39:18 AM
Subject: Latest Round of Water Defense Testing Results - Flint

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All,

Last weekend, Water Defense obtained water samples from and tested four additional homes. The water grab sample results came in late yesterday. Below is a summary of the most concerning results from the grab samples. Once we have received the complete results and we have met with the families to go over their results, we will be issuing a formal statement and press release.

This continues to illustrate the importance of whole home testing in Flint - including water heaters and hot/warm water of sinks and showers – the way people use the water.

Our immediate concerns that we are reviewing are levels of manganese, levels of lead, and why we are detecting thallium at the levels below in these homes.

Also, the Water Defense toxicologists are reviewing the lab results as the final testing reports come in and summarizing potential health effects.

The most concerning grab sample water testing results from 2 of the homes:

Water Heater		Water Heater		Upstairs Kitchen	
Home #1		Home #2		Home #2	
Metals	PPB		PPB		PPB
Copper	310		1500		5100
Iron	11000		8900		20000
Manganese	490		1200		8600
Nickel	70		57		
Lead	1100		670		2400
Phosphorus	3300		4500		7500
Tin					
Thallium	3.4		3.8		13
Zinc	5100		1600		2100

Best Regards,

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